

## AMENDMENT

In the claims:

Please cancel claims 6, 15, and 22 and amend claims 1, 10, and 17 as follows. A marked up version appears on a separate paper pursuant to 37 CFR 1.121.

1. (thrice amended) An apparatus for introducing a therapeutic agent in a composition into at least one cell in a vessel in a subject, comprising:
  - a catheter having at least one inflatable balloon portion;
  - proximal to the at least one inflatable balloon portion, at least one infusion opening in the catheter for introducing a composition containing a therapeutic agent into a vessel in a subject;
  - a first electrode on the catheter positioned adjacent to the infusion opening; and
  - a second electrode on the catheter proximal to but spaced from the first electrode a distance suitable for electroporating a therapeutic agent into a cell in the vessel of the subject into which the catheter is introduced.
10. (twice amended) A catheter, comprising:
  - a first inflatable balloon portion near a distal end of the catheter;
  - a second inflatable balloon portion proximal to the first inflatable balloon portion such that upon inflation of the first and second balloon portions in a vessel in a subject the vessel is occluded;
  - an infusion opening for introducing a composition containing a therapeutic agent into the subject, wherein the infusion opening is located between the first and second balloon portions;
  - a first electrode positioned adjacent to or integral with the infusion opening; and
  - a second electrode proximal to and spaced from the first electrode a distance suitable for electroporating a therapeutic agent into a cell in a vessel of a subject into which the catheter is introduced.